

The International Journal of Healthcare

Simulation The official journal of Society for Healthcare Simulation, India and Pan Asia Simulation Society in Healthcare. Editor in Chief Debra Nestel (Australia) Senior Editors Nancy McNaughton (Canada) Paul Murphy (UK) Dinker R. Pai (India) John Paige (USA) Associate Editors Sanne Botden (The Netherlands) Ganni Sandeep (India) Aimee Gardner (USA) Gerry Gormley (UK) Grace Ng (USA) Kristian Krogh (Denmark) Suzanne Gough (Australia) Debra Kiegaldie (Australia) Lulu Sherif (India) Cathy Smith (Canada) Sharon M. Weldon (UK) Editors Andrée Gamble (Australia) Rami A. Ahmed (USA) Pier Luigi Ingrassia (Switzerland) Esther Leon Castelao (Spain) www.ijohs.com

#### Society for Healthcare Simulation

D No.19-05-21/6 Rama Chandra Rao Peta, Revenue Ward No.37, Rajamahendravaram - 533105, East Godavari Dist., AP. India http://shsindia.in

# Perspectives

# Abstract 163

A1 Go Big or Go Home: The Use of Large-Scale Simulation Emily Browne, Joseph Natalello

## Abstract 12

A1 Remote Control: The Virtual Participant During Simulation Dawn Sharman, Ben Woodrow-Hirst

# Abstract 193

A1 Balancing Education and Practice: A Reflection from A Simulation Educator During The COVID-19 Pandemic *Alice Boatfield-Thorley* 

# Abstract 186

A2 Reflections on Remote Simulation: What Does This Mean That Candidates Miss? Jennifer Taylor

## Abstract 205

A2 Simulation as a form of Immersive Theatre *Maria Esposito* 

## Abstract 202

A3 High-Fidelity Simulated Bronchoscopy: Incorporating Simulator into A Mannequin Fatemeh Keshtkar, Laura Ellerton, Ryan Kelly, Tim Parr, Simon Mercer

# In Practice

## Abstract 110

A5 Using Simulation to Assess Systems and Processes in a New Paediatric Unit Hanna Tilly, Rhea Bisheswar, Matthew Rubens, Dalbir Sohi

## Abstract 190

A5 Virtual Work Experience in Medicine: Widening Participation Fatemeh Keshtkar, Laura Ellerton, Ryan Kelly, Tim Parr, Simon Mercer

## Abstract 71

A6 Step by Step: A Three-Step Approach to Faculty Development Agnieszka Sumera, Helen Henderson, Ian Ballard

## Abstract 77

A6 Fast Track Simulation-Based Education for COVID-19 Deployment Emad Almomani, Jacqueline Sullivan, Jesveena Mathias, Kimberly Leighton

## Abstract 43

A7 Learning from COVID-19 and Supporting Staff Using Human Factors and Simulation Suzanne Scaffardi, Michaella Wiltshire, Maria Shah

# Abstract 75

A7 No Time To Train? The Use of Simulation to Develop a Pathway and Deliver Training for Emergency Surgery in Maternity During the COVID-19 Pandemic Sally Shiels, Desiree Choi, Linden Baxter, Helen Higham

# Abstract 78

A8 Simulation Integrating Deliberate Practice Method for Developing Assesors of Competence Emad Almomani, Jacqueline Sullivan, Jesveena Mathias

# Abstract 109

A8 Perceptions of Virtual Simulations by Inter-Professional Simulation Facilitators Karen Dickinson, Wendy L. Ward, Kathryn Neill

# Abstract 72

# A9 Medical Student Attitudes Towards Point-of-Care Ultrasound in Undergraduate Medical Education

John Karp, Miroslav Voborsky, Christopher Woodward, Cian McDermott, Rebecca Kirrane, Rachel Gilmore, Claire Condron

# Abstract 102

# A9 Haunted House: The Dangers and Ghosts of The Lived Environment

Kathryn Neill, Duston Morris, Debbie Knight, Pamela de Gravelles, Angel Holland, Wendy Ward, Karen Dickinson

## Abstract 91

A10 Can 'Pop-Up' Style Simulation Teaching Improve The Care That Our Children and Young People's Emergency Department Team Provide for Children Presenting with Fever?

> Sandra Collins, Nirmala Arulampalam, Helena Dunn, Emma Thorpe

# Abstract 201

A10 Genital Examination Education and Instruction: Lowering Anxiety and Raising Competence Isle Polonko

A11 Enhanced Recovery After Surgery: Multi-**Disciplinary Healthcare Simulation Training** for Perioperative Teams Omar Khan, Heba Yanny, Mohmad Salim

### Abstract 128

A11 Efficacy of a Virtual Mock Trial for Inter-Professional Learning Karen Dickinson, Wendy L. Ward, Robert Minarcin, Christopher Trudeau, Kathryn Neill

#### Abstract 47

A12 Improving Technical and Human Factors Skills on the Older Person Unit: An in situ Frailty Simulation Programme Liam Dunnell, Katie Chu, Anna Barnard, Grace Walker

### Abstract 133

A12 Establishing An Inter-Professional in situ Simulation (ISS) Programme in District General Hospital Emergency Departments (EDS)

Annie Green, Craig Smith, Mayada Elsheikh, Adris Razaq

# Abstract 114

A13 Latent Environmental Errors Revealed: Using in situ Simulation to Check the Safety of Returning Theatres to Operating After Being Repurposed as a Ventilator Inpatient Unit

> Jon Machin, Louise Schofield, Jon Blackshaw, Vidhi Taylor-Jones, Neil Rimmer, Michael Parker, Helen McFarlane, Mike Harrison, Jon Taylor

## Abstract 42

A14 Updates to the International Nursing Association for Clinical Simulation and Learning Simulation Debriefing Standard of **Best Practice** 

Guillaume Alinier, Sharon Decker, Scott Crawford, Deborah Jenkins, Randy Gordon, Cheryl Wilson

# Abstract 151

A14 Comparing Online and Face-to-Face Simulation for Medical Students During their Healthcare of Later Life Placement Anna Ludvigsen, Josh Bachra, Kehinde Junaid

## Abstract 167

A15 Evaluating the Effectiveness of a Redesigned Simulation Programme for Final-Year Medical Students During their Assistantship Placement Azeem Alam, Hollie Parker, Catherine Mathews, Thomas Simpson

## Abstract 59

A15 Rapid Training During A Pandemic: An Evaluation of a Covid-19 Video E-Learning Package Sophie P. Maule, Luciana Sowole, Liam Dunnell, Nick Szulc, Wathik El Alami

### Abstract 196

A16 Plugged in Sim-Vr 360 Simulation with Headsets: How Does it Work? Tim Mason

# Abstract 175

A17 Embracing a System-Based Approach to Simulation – The Experience of a Paediatric Hospital During a Global Pandemic Emma Broughton, Alasdair Ross, Linda Chigaru, Pratheeban Nambyiah, Sam Williams, Chris Ingram

# Abstract 137

A17 Simulated Surgical Assessment Unit – A Quality Improvement Project to Increase Medical Student Confidence In Assessment and Management of Acute Surgical Conditions Through High-Fidelity Simulation Sumaiya Aziz, Ayaa Ali, Steve Satheesan

# Abstract 160

A18 Applying Human Factors Practices and Simulation to Develop Systems and Processes for a Pandemic Vaccine Service Phil Gurnett, Julia Scott

## Abstract 103

A18 Unpicking the Mechanisms Used in Simulation-Based Education that Support Undergraduate Students' Development of their Collaborative Practice Skills Leisle Ezekiel, Robyn Stiger

A19 Introduction of Emergency Department in situ Simulation Catherine Holmes, Andrew Matson, Clare Mulqueen, Demi Thompson

### Abstract 32

A19 Using a Simulation Environment to Assess the Usability of a Novel Medical Device During the Covid-19 Pandemic Carla Sa-Couto, Abel Nicolau, Carolina de Sousa, Nuno Cruz

### Abstract 51

A20 Preparing Ward Staff for Covid-19: Can Remote Simulation Replace Face-to-Face Learning? Liam Dunnell, Luciana Sowole, Sophie P. Maule, Colette Laws-Chapman, Wathik El-Alami

## Abstract 194

A21 Implementing a Simulation Training Programme for Physician Associates Alicia Cowan, Nathan Oliver, Richard O'Brien

### Abstract 79

A21 Importance of Delivering a Face-to-Face Course During a Pandemic Jeevahan Mahalingam, Penelope Tinga, Amol Lotlikar

# Abstract 56

A22 'Abducted Baby' Simulation: Testing the System to Optimize Patient Safety on a Neonatal Intensive Care Unit Diana Aguirre, Matthew Nash

### Abstract 120

A22 Cervical Spine Injury Immobilization and Management: Addressing the Gap in Knowledge and Improving Systems through Multi-Disciplinary *in situ* Simulation in a Busy Emergency Department *George Pughe, Matthew Smith, Ben Atkinson* 

### Abstract 7

A22 Covid-19 Vaccination Clinic Experience: Using Simulation to Create and Test Systems Lynn Garland

## Abstract 67

A23 Even Better than the Real Thing? Comparing In-Person and Online Delivery of Simulation-Based Training for Early-Stage Psychiatric Doctors Divija Bansal, Nilesh Tribhowan, Owen P. O'Sullivan, Hannah Iannelli

### Abstract 129

A23 Using Simulation to Identify System Issues in the Emergency Department *ClareHolmesCatherine Mulqueen, Demi Thompson, Andy Matson* 

#### Abstract 111

A24 Using Video Teleconferencing for an Effective Remote Simulation Course in Transfer Medicine Anthony O'dwyer, Arndt Melzer

### Abstract 92

A25 Improving Knowledge and Human Factors Skills During a Pandemic: A Multimodal Covid-19 Educational Project Luciana Sowole, Liam Dunnell, Sophie P Maule, Wathik El-Alami

# Abstract 149

A25 Updates to the Healthcare Simulation Design Standard of Best Practice Guillaume Alinier, Penni Watts, Colleen Meakim, Pooja Nawathe, Donna McDermott, Matthew Charnetski, Jocelyn Horsley, Elizabeth Ludlow

# Abstract 122

A26 Adapting Foundation Programme Simulation in Response to a Pandemic: Has it Diminished Learning?

Vardah Alam, Roisin Hegarty O'Dowd, Liam Dunnell, Shumontha Dev

# Abstract 39

A28 Using Simulation to Improve Surgical Departmental Induction for Junior Doctors *Rona Keay, Alexander Walker* 

### Abstract 203

A28 Ultrasound Identification of the Cricothyroid Membrane for Emergency Front of Neck Access Amy Parekh, Richard Kaye, Clemetina Calabria

#### Abstract 141

A29 Simulation: a Tool to Optimize the Activation of Novel Hospital and Critical Care Pathway Elizabeth Thompson, Melanie Hawkins

#### Abstract 81

A30 Debriefing the Debriefer; Developing an Inter-Professional Faculty for Emergency Medicine Simulation *Eilidh Simpson, Yvonne Moulds, Linda Bell* 

A30 Infant Abduction: Live Simulation Drills Explore The Risk in The Maternity Unit Alexandra Quayle, Nick Harrison, Keeley Gaunt, Rochelle McGuffie

## Abstract 124

A31 The Use of Simulation in Improving Stroke Recognition, Assessment and Management Farah Jaffar, Madiha Hashmi, Basaam Aweid

#### Abstract 174

A31 Increased Self-Efficacy in General Practice and Higher Psychiatric Trainees Following Simulation-Based Education to Support Inter-Professional Co-Consulting in Primary Care Kalina Tcholakova, Owen P. O'Sullivan, Hannah Jannelli, Chris Attoe

# Abstract 188

A32 Community Simulation Program Designed to Improve Recognition of The Deteriorating Patient and Escalation of Care Pathways Katy Baker, Ben Hester, Esther Wilson, Pippa Richards, Jennifer Coombes, Sarah Vast,

Pippa Richaras, Jennifer Coombes, Sarah Vast, Stephanie Newton, Ashley Duzy

### Abstract 26

A32 Mixed Realities Chest Drain Workshop: Integrating Hands-On and VR Learning Deborah Glennie, Cara Swain

# Abstract 13

A33 Medical Emergency *in situ* Simulation Training for Dental Hygiene Therapists *Jodie Mahoney* 

### Abstract 50

A33 Continuing Essential Education During the COVID-19 Pandemic: Virtual Neonatal Skills Training Diana Aguirre, Sebastian Brown, Robert Negrine, Matthew Nash

#### Abstract 57

A34 Using *in situ* Simulation to Respond to Critical Incidents in Emergency Medicine Andrew Matson, Catherine Holmes, Clare Mulqueen, Demi Thompson

# Abstract 52

A34 Virtual Shine (Simulation to Help in Neonatal Emergencies): Adapting Simulation Through the COVID-19 Pandemic

> Diana Aguirre, Catherine Powell, Amrit Dhillon, Sebastian Brown, Matthew Nash

# Abstract 10

A35 Introducing a Virtual Ward Round in Times of COVID-19

Tanith Westerman, Liban Ahmed, Helen Mills

# Abstract 53

A35 Remote and Back Again: An Educator's Tale of Simulation

> Amelia Thorpe, Paul Bailey, Laura Evans, Christopher McDonald, Paul Knight, Katie Howick, Michael Johnson, Jennifer Taylor

# Abstract 55

A36 Introduction of a Cardiac Arrest Proforma Through *in situ* Simulation Training Demi Thompson, Catherine Holmes, Andrew Matson, Claire Mulqueen

## Abstract 6

A36 Assessment of The Creation of a New Course

Jeevahan Mahalingam, Francesca Claiandro

# Abstract 121

A37 The Rapid Infuser Challenge: Applying Gamification to Improve Performance Matthew Smith, Ben Atkinson, George Pughe

### Abstract 16

A37 Exploring the Benefits of Teaching Ultrasound-Guided Vascular Access to Paediatricians Melanie Ranaweera, Brian Carey

#### ,

# Abstract 17

A38 Improving Resus Handover for Critically Unwell and Injured Patients Bernadette Mallon, Euan McKenzie

#### Abstract 176

A38 Does High-Quality Learning Need High-Fidelity Simulation? Experience from Obstetric Theatres Preparing for the First Wave of COVID-19

Christopher Schnieke-Kind, Arlene Wise, Karen Stevenson, Nicki Alexander, Kate Theodosiou

# Innovations

# Abstract 58

A39 Neonatal Critical Care Communication Training Through Simulation: A Novel Regional Course for Neonatal Trainees Diana Aguirre, Davy Evans, Robert Negrine, Alex Philpott, Matthew Nash

### Abstract 169

A39 Managing The Acutely Unwell Patient: An Interactive and Gamified Approach to Online Simulation During The COVID-19 Pandemic Innocent Ogunmwonyi, Hollie Parker, Teniola Adeboye, Azeem Alam, Catherine Mathews, Thomas Simpson

Abstract 166

A40 Sequential Simulation as Replacement for Standard 4-Week Practice-Based Learning (PBL) for First-Year Undergraduate Physiotherapy Students Louise Stanley, Holly Royle, Sarah Ewles, Sophie Gay, David Voegeli, Katherine Cooks

## Abstract 123

A40 Tint: Training in Trauma Simulation Programme Farah Jaffar, Salman Khan, Harley Westlake, Neeraj Malhan

# Abstract 178

A41 Upstream Immersion: Preparing Allied Health Students with Foundational Placement Skills through a Multi-Disciplinary Simulation Week Debbie Thackray, Ruth Turk, Laura Rossiter, Rachel Dadswell, Karen Witts, Carrie Hamilton, Cheryl Metcalf, Keith McCormick, Emma Cowley, Belinda Judd, Jennie Brentnall

# Abstract 3

A41 The Implementation of Simulated Placements in Undergraduate Healthcare Courses During the Covid-19 Pandemic Lucy Kirkham, Debbie Clark

# Abstract 1

A42 Prison Simulation: Creating Accessible Xr Content for Hybrid Tel Classrooms in He Samantha Pywell

### Abstract 87

A42 Maxsim, A Novel Simulation-Based Education Course for Oral and Maxillofacial Surgical Emergencies Adam Holden

### Abstract 198

A43 A Novel 'Virtual Simulation' for The Advanced Life Support Group, Making a Dream a Reality: A Beginner's Guide Carl Leith Van Heyningen, Kate Denning, Sibi Joseph

# Abstract 2

A43 Play to Prepare with Technology-Enhanced Simulation *Remi Paramsothy, Michael George* 

#### Abstract 44

A44 A 3-Week Virtual Observational Clinical Placement for Pre-Registration Physiotherapy Students Using Simulation Teaching and Learning Principles Robyn Stiger, Katy Baines, Mark Williams, Joanna Pierce

## Abstract 65

A44 Putting it into Practice: A Simulation-Based Education Programme for Parents Jessica Smith, Abigail Tyer

#### Abstract 200

A45 Paramedic Online Simulation: A Novel Approach Charli Watkins, Martin Hilliard

# Abstract 113

A45 Making Virtual a Reality During a Pandemic: Improving Learning Opportunities in Medical Education through Virtual Reality Simulation Sally Shiels, Amy Irvine, Sarah Flaherty, Helen Higham

# Abstract 99

A46 A Fresh Model in the Vehicles for Learning: Redesigning an Established, Traditional Airway Course to be Delivered in a Multi-Site Hybrid Format in the COVID-19 Era Manvi Singhal, Mitchell Kee, Jonathan Eady, Claire Martin, Michael McBrien

# Abstract 127

A46 Caution and Context: COVID-19 as the Educational Focus for Inter-Professional Learning Kathryn Neill, Wendy L. Ward, Karen Dickinson

#### Abstract 60

A47 Talking Under Cover: A Virtual Workshop to Improve Communication in PPE Sini John

A47 Surgeons Don't Just Operate: Improving Junior Surgical Practitioners' Non-Technical Skills Outside of the Operating Theatre Using High-Fidelity Simulation Laura Ellerton, Ryan Kelly, Fatemeh Keshtkar, Simon Mercer, Tim Parr

# Abstract 171

A48 Safe Patient Transfer: Getting Everyone in on the Acct

Peter McCauley, Crina Burlacu, Nick Wall, Anna Marie Murphy, Peter Moran, Brian Kinirons, Dermot Doherty, Karl Knapman, David Menzie

## Abstract 48

A48 Use of Simulation to Introduce Delivery Room Cuddles as Standard Practice in a Neonatal Intensive Care Unit Diana Aguirre, Amy Henderson, Helen Cornes, Gemma Holder, Cecilia Perez Fernandez,

Emma Cawsey

# Abstract 96

A49 A Virtual Mock Trial for Inter-Professional Learning

Karen J. Dickinson, Wendy L. Ward, Robert Minarcin, Christopher Trudeau, Kathryn Neill

# Abstract 142

A49 The College of Anaesthesiologists of Ireland Return to Work Programme: An Innovative Approach to Support Trainees' Well-Being and Patient Safety on Return to Work

Vincent Wall, Aisling McMahon, Louise Moran, Eilis Condon, Crina Burlacu

# Abstract 46

A50 'Born Too Soon' Virtual Simulation for Ambulance Services On Premature Babies Born Unexpectedly in the Community Diana Aguirre, Stephanie Henry, Cecilia Perez Fernandez, Sebastian Brown

### Abstract 62

A50 The ABCDE of Converting Full Patient Simulation to a Virtual Non-Technical Skills Seminar Colin Butchers

### Abstract 88

A51 Streaming High-Fidelity ECMO Simulation from a Moving Ambulance Thomas Hayes, Aldwin Bernasol, Lindsey Pulford, Rachael Bedingfield

# Abstract 63

A51 Virtual Community Outreach Simulation Programme Andrew Boult

### Abstract 106

A52 How the COVID-19 Pandemic has Changed Departmental Teaching in a Tertiary Hospital

Sarah Powell, Eirini Kasfiki, Andrew Blackmore, David Wright

# Abstract 66

A52 An Evaluation of 'Remote Consultations': A Simulation-Based Education Intervention Stephanie Mansell, Lauren Geddes, Abigail Greenwell, Michaella Whiltshire, Nikeesha Gopal, Deep Shah

# Abstract 158

A53 The Introduction of Virtual Simulation into a Pre-Registration Nursing Course During the COVID-19 Pandemic Lewis Newton, Debbie Clark

### Abstract 18

A53 SP Training for Transgender Healthcare Stations: What SPS and Program Directors Need to Know Erik Simon, Isle Polonko

## Abstract 116

A54 Developing a Framework for the Integration of Skills and Simulation: The 5-Stage Approach Emily Browne, Mike Phillips

## Abstract 64

A54 360 Simulation: Assessing Baby Robin Jo Staples, Rose Edwards, Sam Pask, Heidi Singleton, John Moran, Debbie Holley, Ursula Rolfe

# Abstract 90

A55 COVID-19 Simulation Programme: Rapid Tests of Change

Angus Cooper, Jeremy Morse, Craig Brown

## Abstract 105

### A55 A Simulation-Based Departmental Induction Using Virtual Reality 360 Sarah Powell, Eirini Kasfiki, Andrew Blackmore, David Wright

A56 Going Upstream: Key Considerations When Moving a Face-to-Face Simulation Module and Assessment to Virtual Delivery Debbie Thackray, Frances Monk, Carrie Hamilton

#### Abstract 189

A56 A Simulation With No Participants Only Co-Faculty: Using Simulation for Systems Integration On the Large Scale Katie L Howie, Daniel Hufton, Nathan Oliver, Omair Malik, Kathryn Twentyman

# Abstract 35

A57 The Creation of A 'Choose Your Own Adventure Style' VR Training Package for Post Anaesthetic Care Unit (PACU) Staff Kate Knight, Deborah Glennie

### Abstract 156

A57 Practice Made Perfect: The Evolution of an LVAD Algorithm Through Clinical Simulation Brigitte Gamble

## Abstract 95

A58 Striving to Thrive: Developing an Innovative Region-Wide Medical Registrar Preparation Simulation-Based Course Joseph Wheeler, Harj Kainth, Andrea Adjetey,

Richard Morse, Amarpal Bains, Izhar Ali, Stuart Hamilton, Karishma Mann

#### Abstract 155

A59 Piloting a Tabletop Simulation to Prepare Nurses for Ward Coordination Rosie Warren, Finn Tysoe, Kate Lacey, Sophy Owen-Smith

### Abstract 170

A59 Demonstrating Innovation Through the Skills Hub Initiative Melanie Humphreys, Scott Coulton

### Abstract 138

A60 Student Perspectives of a Novel Remote Simulation Course Hannah Freer, Simon Jones, John Lewandowski, Derek Randles, Craig Dores

### Abstract 22

A60 Game On! Meeting the Mission of Gamification to Teach Human Factor Skills *Gill Smith, Jonny Holland* 

### Abstract 100

A61 Acute Medicine Meets 'Knightmare': 'Choose Your Own Adventure' Format for Registrar Course Delivery *Thomas Haves, Lai Man (Lilian) Chan,* 

Nadia Stock

# Abstract 125

A61 Introducing An *in situ* Simulation Programme in an Intensive Care Unit Harry Bateman, Karen Johnston, Andrew Badacsonyi, Natalie Clarke, Kathleen Conneally, Iruka Dissanayake, Sara Finkel, Bruce Liao, Simon Stallworthy, Daniel Worley, Megan Griffiths, Sheila Yeo, Louise Ma

# Abstract 20

A62 Special Delivery: Skills@Home Beth Spencer, Helen Henderson, Lorna Gerrish, Ian Ballard, Jane Rooney

### Abstract 29

A62 Reducing Risk: Simulation-Based Clinical Systems Testing to Determine New Hospital Readiness for Anaesthesia Services Narasimha Murthy Girish Sadhu, Leah Reid,

Narasimna Murthy Girish Saahu, Lean Reia, Fouzia Khalid

# Abstract 115

A63 On-Call Bleep Simulation for Final-Year Medical Students Krishan Patel, Krupa Badiani, Farah Jaffar, Joanna Ismail

# Abstract 25

# A63 Unmuting Regional Paediatric Simulation Training Throughout the COVID-19 Pandemic

Lucine Nahabedian, Annabel Copeman, Ashley Holt, Ashish Patel, Stuart Hamilton, Elaine Hamilton, Alison Belfitt

### Abstract 118

A64 Simulation for Novice Anaesthetists: Addressing Training Gaps Created by a Global Pandemic Emily Frost, Samuel Starnes

### Abstract 94

A64 Phygital Simulation for a Large Group of Learners in a Regional Teaching Stephen Ojo, Amie King, Faisal Faruqi

A65 'AOSim': A Decision-Making Simulation Course for Acute Oncology Nurses Amarpal Bains, Karishma Mann, Joseph Wheeler

### Abstract 117

A65 Murder on the Laboratory Floor Jan Charlton, Jill Cordes, Thomas Hayes, Carrie Walton

## Abstract 36

A66 Assessing the Acutely Deteriorating Patient: Adaption from Face-to-Face to Remote Simulation, in Response to the Restrictions of COVID-19 Jessica Prew, Hayley Boal, Emma Jones, Samantha Williamson, Joe Gleeson,

Fiona Coia, Kevin Ross

## Abstract 61

A66 Exercise Martian Attack!: Using VR Feedback as a Reflective Tool for Paramedic Science Students Ursula Rolfe, Adam Bancroft, Debbie Holley, John Moran

# Abstract 119

A67 From Ad hoc Teaching Sessions to Full-Day Themed Teaching Days: An Undergraduate Education Team's Response to the COVID-19 Pandemic Hayley Boal, Kelly Murphy, Eleanor Owen,

Emma Jones, Samantha Williamson, Jennifer Utting, Heather Sutton, Jessica Prew, Joseph Gleeson

### Abstract 5

A67 Core Care Skills Simulation Training for Undergraduate Medical Students Laura Ellis, Jemma-Laura Joseph

## Abstract 143

A68 The Use of an Audio-Visual Streaming Solution to Deliver Portable COVID Compliant *in situ* Simulation Training *Elizabeth Thompson, Ross Thompson, David Bartle* 

### Abstract 38

A68 Using Simulation to Improve and Test a Novel Enhanced Care Drug Trolley Jodie Williamson, Sarah Grundy, Mark Rowson

## Abstract 161

A69 Absent in Body But Present in Spirit: Battling on When Both Learners and Faculty are Remote from the Simulation Centre

Paul Bailey, Laura Evans, Amelia Thorpe, Chris McDonald, Mike Johnson, Paul Knight, Katie Howick

# Abstract 30

A69 Shifting an In-Person Simulation Facilitation Training Program for New Nurse Educators to a Virtual Context Jennifer Dale-Tam, Prudy Menard,

Natalie Ladouceur

# Abstract 45

A70 Simulation XR: An Extended Reality Learning Experience Stephen Ojo

## Abstract 168

A70 A Novel Approach to Interactive, Online History-Taking in Medical Education During the COVID-19 Pandemic Teniola Adeboye, Innocent Ogunmwonyi, Azeem Alam, Hollie Parker, Catherine Mathews,

Azeem Alam, Hollie Parker, Catherine Mathews, Thomas Simpson

# Abstract 49

# A71 The Effective Management of Resources in a Busy Sim Centre

Tim Lawler, Claire Condron, Michelle Scott, Galina Meshcherskaya, Adam Roche, Simon Horne, Rebecca Kirrane, Miroslav Voborsky, Clare Sullivan, Caoimhin O'Conghaile

### Abstract 187

# A71 A Virtually Perfect Debrief? The Undergraduate COVID-19 Simulation Challenge

Lyndon Wells, Emily Frost, Annabelle Waller, David Newbold, Victoria Gray

# Abstract 31

A72 Debriefing strategies for inter-professional simulation

Catherine Holmes, Edward Mellanby

## Abstract 136

A72 Point-of-View Simulation of Illness Experiences for Health Professions: A Scoping Review of the Literature Milda Karvelyte, Gerard J Gormley, Janet Rogers

A73 Benefits and Challenges of Inter-Professional Education Within the Emergency Department *in situ* Simulation *Sarah Gooding* 

## Abstract 132

A73 Assessment Tools to Measure Clinical Reasoning While Attending Simulation-Based Courses Emad Almomani, Guillaume Alinier, Natalie Pattison, Jisha Samuel

## Abstract 4

A74 Departmental Paediatric Simulation Teaching: How Can we Best Involve Adolescents as Simulated Patients? *Catherine Douch* 

### Abstract 152

A75 A Narrative Review: Primary Research in Simulation-Based Education using Eye-Tracking Technology *Kirsty Harris, Isobel Ryder, Matt Dicks* 

# Abstract 150

A75 'A Safe Learning Environment': Simulation-Induced Stress Literature Review Hazel Thompson, Craig Brown

## Abstract 182

A76 Surgical Simulator Design, What are Educators and Trainees Requirements? Leonie Heskin, Ciaran Simms, Oscar Traynor, Rose Galvin

# Abstract 144

A76 Simulation Without the Bells and Whistles of Technology Burcu Dogan, Natalie Pattison, Guillaume Alinier

# Abstract 154

A77 An Observational Study: An Examination of Eye Movements When Assessing a Deteriorating High-Fidelity Patient Simulator *Kirsty Harris, Isobel Ryder, Matt Dicks* 

### Abstract 140

A78 What Effect Does Systems Integration Simulation Have on the Sense of Preparedness of Teams Moving to a New Unit?

Kathryn Twentyman, Katie Howie, Nathan Oliver

# Abstract 27

A78 Use of Live Patient Simulation to Train Providers on Sexual Assault Response Isle Polonko

### Abstract 172

A79 Student Perception of Skills and Simulation Delivery Within an Undergraduate Nursing Curriculum: Looking at the Creation and Introduction of a Skills and Simulation Delivery Framework

Emily Browne, Fiona Cust, Ben Woodrow-Hirst, Amanda Friend

# Abstract 165

A79 Medical Students' Lived Experiences of Online Forum Theatre as a Form of Learning in Consulting with Victims of Domestic Abuse Daire McGrath, Gerard Gormley, Helen Reid,

Paul Murphy

# Abstract 179

A80 A Cross-Sectional Study on the Effectiveness of Simulation-Based Learning in Emergency Medicine for Medical Undergraduates in a Low-Middle Income Country During the COVID-19 Pandemic Kaushila Thilakasiri, Chathurani Sigera, Anuresha Peiris, Praveen Weeratunge, Prasad Katulanda

# Abstract 145

A80 Scenario-Based Perinatal Psychosis Simulation for Final-Year Midwifery Students: A Qualitative Study Verona Hall

# Abstract 37

A81 Simulation as a Proactive Patient Safety Tool Anna Stevenson, Ben Hester, Steph Newton, Esther Wilson

#### Abstract 130

A82 Impact of Low-Dose High-Frequency *in situ* Simulation on Inpatient Diabetes Management: A Pilot Study *Sree Kumar EJ, Makani Purva* 

# Abstract 157

A83 Pilot Study: Virtual vs Manikins: Simulating Reality in Medical Education Joanna Cudlipp, Sally Shiels, Helen Higham

A83 Maintaining Surgical Skills Through Small-Group Simulation During COVID-19 [Quality Improvement Project] Shreya Kulkarni

# Abstract 84

A84 Using the Team Tool in High-Fidelity Immersive Simulation for Internal Medicine Trainees: Assessing Leadership of Cardiac Arrest Scenarios *Rona Keay, Joanne Kerins, Vicky Tallentire*